Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	10260	current near3 range and scal$4	US-PGPUB; USPAT	OR	OFF	2005/09/21 08:45
L2	129	current near3 range and scal$4 and bins	US-PGPUB; USPAT	OR	OFF	2005/09/21 08:45
L3	7462	709/224	US-PGPUB; USPAT	OR	OFF	2005/09/21 08:45
L4	1308	702/189	US-PGPUB; USPAT	OR	OFF	2005/09/21 08:46
L5	4066	707/101	US-PGPUB; USPAT	OR	OFF	2005/09/21 08:46
L6	605	345/660	US-PGPUB; USPAT	OR	OFF	2005/09/21 08:46
L7	13135	3 or 4 or 5 or 6	US-PGPUB; USPAT	OR	OFF	2005/09/21 08:46
L8	49	1 and 7	US-PGPUB; USPAT	OR	OFF	2005/09/21 08:46

```
L1          11545 S HISTOGRAM
L2           1996 S AUTOMATIC? (3A) SCAL?
L3             72 S L1 AND L2
                  ACTIVATE S09456603/L
                  ---------
L4   (    144816)SEA FILE=USPATFULL ABB=ON   PLU=ON   (DELAY? OR LATENC?) (3A) (TI
L5   (    114538)SEA FILE=USPATFULL ABB=ON   PLU=ON   COMPUTER AND NETWORK
L6   (     18113)SEA FILE=USPATFULL ABB=ON   PLU=ON   L4 AND L5
L7   (         0)SEA FILE=USPATFULL ABB=ON   PLU=ON   QAULITY OF SERVICE
L8   (      4531)SEA FILE=USPATFULL ABB=ON   PLU=ON   QUALITY OF SERVICE
L9   (       731)SEA FILE=USPATFULL ABB=ON   PLU=ON   L6 AND L8
L10  (     32318)SEA FILE=USPATFULL ABB=ON   PLU=ON   BIN
L11  (        57)SEA FILE=USPATFULL ABB=ON   PLU=ON   L9 AND L10
L12  (      2787)SEA FILE=USPATFULL ABB=ON   PLU=ON   ((DELAY? OR LATENC?) (3A) (T
L13  (      1572)SEA FILE=USPATFULL ABB=ON   PLU=ON   L12 AND L5
L14  (       255)SEA FILE=USPATFULL ABB=ON   PLU=ON   L8 AND L13
L15  (     23813)SEA FILE=USPATFULL ABB=ON   PLU=ON   DATA (3A) ARRAY
L16  (     31288)SEA FILE=USPATFULL ABB=ON   PLU=ON   DATA (3A) (ARRAY OR MATRIX)
L17  (         4)SEA FILE=USPATFULL ABB=ON   PLU=ON   L14 AND L16
L18  (    468541)SEA FILE=USPATFULL ABB=ON   PLU=ON   ARRAY OR MATRIX
L19  (        76)SEA FILE=USPATFULL ABB=ON   PLU=ON   L14 AND L18
L20  (      6387)SEA FILE=USPATFULL ABB=ON   PLU=ON   (MEASUR? OR CALCULAT?) (3A)
L21  (       184)SEA FILE=USPATFULL ABB=ON   PLU=ON   ((MEASUR? OR CALCULAT?) (3A)
L22  (        48)SEA FILE=USPATFULL ABB=ON   PLU=ON   L18 AND L21
L23  (      7941)SEA FILE=USPATFULL ABB=ON   PLU=ON   STOR? (3A) DATA (3A) (ARRAY
L24  (         0)SEA FILE=USPATFULL ABB=ON   PLU=ON   709/308/NCL
L25  (       169)SEA FILE=USPATFULL ABB=ON   PLU=ON   709/318/NCL
L26  (      1359)SEA FILE=USPATFULL ABB=ON   PLU=ON   709/224/NCL
L27  (       199)SEA FILE=USPATFULL ABB=ON   PLU=ON   702/57/NCL
L28  (       187)SEA FILE=USPATFULL ABB=ON   PLU=ON   702/108/NCL
L29  (        21)SEA FILE=USPATFULL ABB=ON   PLU=ON   702/111/NCL
L30  (        76)SEA FILE=USPATFULL ABB=ON   PLU=ON   702/120/NCL
L31  (       185)SEA FILE=USPATFULL ABB=ON   PLU=ON   702/189/NCL
L32  (      2651)SEA FILE=USPATFULL ABB=ON   PLU=ON   707/100-102/NCL
L33  (       517)SEA FILE=USPATFULL ABB=ON   PLU=ON   707/500.1/NCL
L34  (        44)SEA FILE=USPATFULL ABB=ON   PLU=ON   707/504/NCL
L35  (        66)SEA FILE=USPATFULL ABB=ON   PLU=ON   707/508/NCL
L36  (        95)SEA FILE=USPATFULL ABB=ON   PLU=ON   707/516/NCL
L37  (        42)SEA FILE=USPATFULL ABB=ON   PLU=ON   345/736/NCL
L38  (        83)SEA FILE=USPATFULL ABB=ON   PLU=ON   345/745-746/NCL
L39  (       287)SEA FILE=USPATFULL ABB=ON   PLU=ON   345/866/NCL
L40  (      5846)SEA FILE=USPATFULL ABB=ON   PLU=ON   L25 OR L26 OR L27 OR L28 OR
L41  (       116)SEA FILE=USPATFULL ABB=ON   PLU=ON   L40 AND L23
                  ---------
L42            21 S L4 AND LL3
L43            72 S L3
L44            72 S L3 NOT L42
L45            72 S L44 NOT L42
```

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L1  (   144816)SEA FILE=USPATFULL ABB=ON  PLU=ON  (DELAY? OR LATENC?) (3A) (TI
L2  (   114538)SEA FILE=USPATFULL ABB=ON  PLU=ON  COMPUTER AND NETWORK
L3  (    18113)SEA FILE=USPATFULL ABB=ON  PLU=ON  L1 AND L2
L4  (        0)SEA FILE=USPATFULL ABB=ON  PLU=ON  QAULITY OF SERVICE
L5  (     4531)SEA FILE=USPATFULL ABB=ON  PLU=ON  QUALITY OF SERVICE
L6  (      731)SEA FILE=USPATFULL ABB=ON  PLU=ON  L3 AND L5
L7  (    32318)SEA FILE=USPATFULL ABB=ON  PLU=ON  BIN
L8  (       57)SEA FILE=USPATFULL ABB=ON  PLU=ON  L6 AND L7
L9  (     2787)SEA FILE=USPATFULL ABB=ON  PLU=ON  ((DELAY? OR LATENC?) (3A) (T
L10 (     1572)SEA FILE=USPATFULL ABB=ON  PLU=ON  L9 AND L2
L11 (      255)SEA FILE=USPATFULL ABB=ON  PLU=ON  L5 AND L10
L12 (    23813)SEA FILE=USPATFULL ABB=ON  PLU=ON  DATA (3A) ARRAY
L13 (    31288)SEA FILE=USPATFULL ABB=ON  PLU=ON  DATA (3A) (ARRAY OR MATRIX)
L14 (        4)SEA FILE=USPATFULL ABB=ON  PLU=ON  L11 AND L13
L15 (   468541)SEA FILE=USPATFULL ABB=ON  PLU=ON  ARRAY OR MATRIX
L16 (       76)SEA FILE=USPATFULL ABB=ON  PLU=ON  L11 AND L15
L17 (     6387)SEA FILE=USPATFULL ABB=ON  PLU=ON  (MEASUR? OR CALCULAT?) (3A)
L18 (      184)SEA FILE=USPATFULL ABB=ON  PLU=ON  ((MEASUR? OR CALCULAT?) (3A)
L19 (       48)SEA FILE=USPATFULL ABB=ON  PLU=ON  L15 AND L18
               ----------
L20     7941 S STOR? (3A) DATA (3A) (ARRAY OR MATRIX)
L21        0 S 709/308/NCL
L22      169 S 709/318/NCL
L23     1359 S 709/224/NCL
L24      199 S 702/57/NCL
L25      187 S 702/108/NCL
L26       21 S 702/111/NCL
L27       76 S 702/120/NCL
L28      185 S 702/189/NCL
L29     2651 S 707/100-102/NCL
L30      517 S 707/500.1/NCL
L31       44 S 707/504/NCL
L32       66 S 707/508/NCL
L33       95 S 707/516/NCL
L34       42 S 345/736/NCL
L35       83 S 345/745-746/NCL
L36      287 S 345/866/NCL
L37     5846 S L22 OR L23 OR L24 OR L25 OR L26 OR L27 OR L28 OR L29 OR L30 O
L38      116 S L37 AND L20
```

```
L1   (    144816)SEA ABB=ON   PLU=ON   (DELAY? OR LATENC?) (3A) (TIME OR PERIOD
                  OR LENGTH)
L2   (    114538)SEA ABB=ON   PLU=ON   COMPUTER AND NETWORK
L3   (     18113)SEA ABB=ON   PLU=ON   L1 AND L2
L4   (         0)SEA ABB=ON   PLU=ON   QAULITY OF SERVICE
L5   (      4531)SEA ABB=ON   PLU=ON   QUALITY OF SERVICE
L6   (       731)SEA ABB=ON   PLU=ON   L3 AND L5
L7   (     32318)SEA ABB=ON   PLU=ON   BIN
L8   (        57)SEA ABB=ON   PLU=ON   L6 AND L7
L9   (      2787)SEA ABB=ON   PLU=ON   ((DELAY? OR LATENC?) (3A) (TIME OR PERIOD
                  OR LENGTH)) (P) PACKET
L10  (      1572)SEA ABB=ON   PLU=ON   L9 AND L2
L11i (       255)SEA ABB=ON   PLU=ON   L5 AND L10
L12  (     23813)SEA ABB=ON   PLU=ON   DATA (3A) ARRAY
L13  (     31288)SEA ABB=ON   PLU=ON   DATA (3A) (ARRAY OR MATRIX)
L14  (         4)SEA ABB=ON   PLU=ON   L11 AND L13
L15  (    468541)SEA ABB=ON   PLU=ON   ARRAY OR MATRIX
L16  (        76)SEA ABB=ON   PLU=ON   L11 AND L15
L17  (      6387)SEA ABB=ON   PLU=ON   (MEASUR? OR CALCULAT?) (3A) (DELAY? OR
                  LATENC?) (3A) (TIME OR PERIOD OR LENGTH)
L18  (       184)SEA ABB=ON   PLU=ON   ((MEASUR? OR CALCULAT?) (3A) (DELAY? OR
                  LATENC?) (3A) (TIME OR PERIOD OR LENGTH)) (P) PACKET
L19  (        48)SEA ABB=ON   PLU=ON   L15 AND L18
                  ---------
L20    127193 SEA ABB=ON   PLU=ON   (NUMBER OR VALUE) (3A) (SCAL? OR RANGE)
L21     40601 SEA ABB=ON   PLU=ON   L15 AND L20
L22    144798 SEA ABB=ON   PLU=ON   (NUMBER OR VALUE) (3A) (SCAL? OR RANGE OR
                  FILTER)
L23       580 SEA ABB=ON   PLU=ON   L17 AND L15 AND L22
L24        75 SEA ABB=ON   PLU=ON   L23 AND PACKET
                  D 1-75 PI TI AB
L25         0 SEA ABB=ON   PLU=ON   707/100-102/MCL
L26      2641 SEA ABB=ON   PLU=ON   707/100-102/NCL
L27       513 SEA ABB=ON   PLU=ON   707/500.1/NCL
L28        44 SEA ABB=ON   PLU=ON   707/504/NCL
L29        42 SEA ABB=ON   PLU=ON   345/736/NCL
L30        53 SEA ABB=ON   PLU=ON   345/745/NCL
L31        83 SEA ABB=ON   PLU=ON   345/745-746/NCL
L32       287 SEA ABB=ON   PLU=ON   345/866/NCL
L33      3565 SEA ABB=ON   PLU=ON   L26 OR L27 OR L28 OR L29 OR L31 OR L32
L34       596 SEA ABB=ON   PLU=ON   L22 AND L33
L35       301 SEA ABB=ON   PLU=ON   L15 AND L34
L36         0 SEA ABB=ON   PLU=ON   L17 AND L35
L37        18 SEA ABB=ON   PLU=ON   L1 AND L35
```

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          ----------
L1  (    144816)SEA ABB=ON   PLU=ON   (DELAY? OR LATENC?) (3A) (TIME OR PERIOD
                OR LENGTH)
L2  (    114538)SEA ABB=ON   PLU=ON   COMPUTER AND NETWORK
L3  (     18113)SEA ABB=ON   PLU=ON   L1 AND L2
L4  (         0)SEA ABB=ON   PLU=ON   QAULITY OF SERVICE
L5  (      4531)SEA ABB=ON   PLU=ON   QUALITY OF SERVICE
L6  (       731)SEA ABB=ON   PLU=ON   L3 AND L5
L7  (     32318)SEA ABB=ON   PLU=ON   BIN
L8  (        57)SEA ABB=ON   PLU=ON   L6 AND L7
L9  (      2787)SEA ABB=ON   PLU=ON   ((DELAY? OR LATENC?) (3A) (TIME OR PERIOD
                OR LENGTH)) (P) PACKET
L10 (      1572)SEA ABB=ON   PLU=ON   L9 AND L2
L11 (       255)SEA ABB=ON   PLU=ON   L5 AND L10
L12 (     23813)SEA ABB=ON   PLU=ON   DATA (3A) ARRAY
L13 (     31288)SEA ABB=ON   PLU=ON   DATA (3A) (ARRAY OR MATRIX)
L14 (         4)SEA ABB=ON   PLU=ON   L11 AND L13
L15 (    468541)SEA ABB=ON   PLU=ON   ARRAY OR MATRIX
L16 (        76)SEA ABB=ON   PLU=ON   L11 AND L15
L17 (      6387)SEA ABB=ON   PLU=ON   (MEASUR? OR CALCULAT?) (3A) (DELAY? OR
                LATENC?) (3A) (TIME OR PERIOD OR LENGTH)
L18 (       184)SEA ABB=ON   PLU=ON   ((MEASUR? OR CALCULAT?) (3A) (DELAY? OR
                LATENC?) (3A) (TIME OR PERIOD OR LENGTH)) (P) PACKET
L19 (        48)SEA ABB=ON   PLU=ON   L15 AND L18
          ----------
L20      169838 SEA ABB=ON   PLU=ON   (NUMBER OR DATA) (3A) (SET OR RANGE OR
                PARTITION)
L21       14792 SEA ABB=ON   PLU=ON   L13 AND L20
L22        7430 SEA ABB=ON   PLU=ON   "RANGE" (3A) SCAL?
L23         331 SEA ABB=ON   PLU=ON   L21 AND L22
L24         158 SEA ABB=ON   PLU=ON   L2 AND L23
                D 1-158 PI TI AB
L25       17030 SEA ABB=ON   PLU=ON   709/NCL
L26       14284 SEA ABB=ON   PLU=ON   707/NCL
L27       14312 SEA ABB=ON   PLU=ON   702/NCL
L28       31909 SEA ABB=ON   PLU=ON   345/NCL
L29       72047 SEA ABB=ON   PLU=ON   L25 OR L26 OR L27 OR L28
L30         884 SEA ABB=ON   PLU=ON   L22 AND L29
L31           4 SEA ABB=ON   PLU=ON   L9 AND L30
                D 1-4 PI TI AB


     FILE HOME

     FILE USPATFULL
     FILE COVERS 1971 TO PATENT PUBLICATION DATE: 11 Jul 2002 (20020711/PD)
     FILE LAST UPDATED: 11 Jul 2002 (20020711/ED)
     HIGHEST GRANTED PATENT NUMBER: US6418558
     HIGHEST APPLICATION PUBLICATION NUMBER: US2002092083
     CA INDEXING IS CURRENT THROUGH 11 Jul 2002 (20020711/UPCA)
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     REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2002
     USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2002


        >>>  USPAT2 is now available.  USPATFULL contains full text of the     <<<
        >>>  original, i.e., the earliest published granted patents or          <<<
        >>>  applications.  USPAT2 contains full text of the latest US          <<<
        >>>  publications, starting in 2001, for the inventions covered in      <<<
        >>>  USPATFULL.  A USPATFULL record contains not only the original      <<<
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        >>>  publications.  The publication number, patent kind code, and       <<<
        >>>  publication date for all the US publications for an invention      <<<
        >>>  are displayed in the PI (Patent Information) field of USPATFULL    <<<
```

This file contains CAS Registry Numbers for easy and accurate
substance identification.

```
=> s l1 and l30
       337736 DELAY?
        17668 LATENC?
      2048336 TIME
      1193228 TIMES
      2255883 TIME
              (TIME OR TIMES)
       853308 PERIOD
       266075 PERIODS
       937117 PERIOD
              (PERIOD OR PERIODS)
      1303329 LENGTH
       271085 LENGTHS
      1343324 LENGTH
              (LENGTH OR LENGTHS)
       145154 (DELAY? OR LATENC?) (3A) (TIME OR PERIOD OR LENGTH)
L32       154 L1 AND L30

=> s 1-154 pi ti ab
      3149974 1
       243463 154
        85752 PI
          711 PIS
        86132 PI
              (PI OR PIS)
        77807 TI
         3169 TIS
        80465 TI
              (TI OR TIS)
        47304 AB
        41866 ABS
        87416 AB
              (AB OR ABS)
L33         0 1-154 PI TI AB
              (1(W)154(W)PI(W)TI(W)AB)

=> s l32
       337736 DELAY?
        17668 LATENC?
      2048336 TIME
      1193228 TIMES
      2255883 TIME
              (TIME OR TIMES)
       853308 PERIOD
       266075 PERIODS
       937117 PERIOD
              (PERIOD OR PERIODS)
      1303329 LENGTH
       271085 LENGTHS
```

```
      1343324 LENGTH
              (LENGTH OR LENGTHS)
       145154 (DELAY? OR LATENC?) (3A) (TIME OR PERIOD OR LENGTH)
L34       154 L1 AND L30

=> d 1-154 pi ti ab
```

```
=> s 707/508/ncl
L20        66 707/508/NCL
              (707508000/NCL)

=> s 707/516/ncl
L21        95 707/516/NCL
              (707516000/NCL)

=> s l1 or l2
       337185 DELAY?
        17590 LATENC?
      2045296 TIME
      1191421 TIMES
      2252626 TIME
              (TIME OR TIMES)
       852060 PERIOD
       265692 PERIODS
       935766 PERIOD
              (PERIOD OR PERIODS)
      1301647 LENGTH
       270716 LENGTHS
      1341584 LENGTH
              (LENGTH OR LENGTHS)
       144945 (DELAY? OR LATENC?) (3A) (TIME OR PERIOD OR LENGTH)
       384016 COMPUTER
       109875 COMPUTERS
       406577 COMPUTER
              (COMPUTER OR COMPUTERS)
       242367 NETWORK
        88521 NETWORKS
       257434 NETWORK
              (NETWORK OR NETWORKS)
L22    241587 L1 OR L2

=> s l20 or l21
L23       161 L20 OR L21
```

```
L1      144816 S (DELAY? OR LATENC?) (3A) (TIME OR PERIOD OR LENGTH)
L2      114538 S COMPUTER AND NETWORK
L3       18113 S L1 AND L2
L4           0 S QAULITY OF SERVICE
L5        4531 S QUALITY OF SERVICE
L6         731 S L3 AND L5
L7       32318 S BIN
L8          57 S L6 AND L7
L9        2787 S ((DELAY? OR LATENC?) (3A) (TIME OR PERIOD OR LENGTH)) (P) PAC
L10       1572 S L9 AND L2
L11        255 S L5 AND L10
L12      23813 S DATA (3A) ARRAY
L13      31288 S DATA (3A) (ARRAY OR MATRIX)
L14          4 S L11 AND L13
L15     468541 S ARRAY OR MATRIX
L16         76 S L11 AND L15
L17       6387 S (MEASUR? OR CALCULAT?) (3A) (DELAY? OR LATENC?) (3A) (TIME OR
L18        184 S ((MEASUR? OR CALCULAT?) (3A) (DELAY? OR LATENC?) (3A) (TIME O
L19         48 S L15 AND L18
```